

This is Google's cache of <http://216.25.100.131/ihscommon/ihs/ceph.htm>.
Google's cache is the snapshot that we took of the page as we crawled the web.
The page may have changed since that time. Click here for the [current page](#) without highlighting.
This cached page may reference images which are no longer available. Click here for the [cached text only](#).
To link to or bookmark this page, use the following url: <http://www.google.com/search?q=cache:RxEcNCTnmDYJ:216.25.100.131/ihscommon/ihs/ceph.htm+cephalgia+publication&hl=en>

Google is not affiliated with the authors of this page nor responsible for its content.

These search terms have been highlighted: **cephalgia publication**

Cephalalgia

" To Keep You Updated On The Latest In Headache Research"

'**Cephalalgia**' is a medical-neurological journal in the field of headache research, and the official journal of IHS.

The journal is published 10 times each year, plus supplements, and has a circulation of about 1500 including institutional subscribers. A short **publication** time, often less than 14 weeks, guarantees that **Cephalalgia** is at the forefront of the field of headache research.

With the growing membership of IHS (all members receive the journal as part of the membership package), and the journal's expert editorship, its future and continued excellence are assured in a time of difficulty for many specialist journals.

IHS members now enjoy direct access to the online version of Cephalalgia via the Members section.

To access the **Cephalalgia** website at Blackwell Science click [here](#).

Founding Editor

Ottar Sjaastad, Norway

Editor-in-Chief

P J Goadsby
Institute of Neurology
Queen Square
London WC1N 3BG, UK

Tel: +44 20 7837 3611 xtn-4257

Email: [Editor-In-Chief](#)

Editorial Office

Cephalalgia
Mailbox 114
Institute of Neurology
Queen Square

London
WC1N 3BG
UK

Tel: 020 7837 3611 x4296
Fax: 020 7813 0349

Email for manuscripts:


- Pre-Acceptance
- Post-Acceptance

Electronic Submission of manuscripts: <http://cephalalgia.manuscriptcentral.com>

Publisher:

Blackwell Publishing
9600 Garsington Road
Oxford OX4 2DQ

Tel: +44 (0) 1865 776868
Fax: +44 (0) 1865 714591



[Home](#)
[Browse](#)
[Search](#)
[My Synergy](#)
[Register](#)
[Help](#)

Username:
Password:
[Login](#)

[Forgotten Password?](#)
[Logout](#)

You are at: [Home](#) > [List of Issues](#) > [Table of Contents](#) > [Abstract](#)

US Patent and Trademark Office - Washington

Abstract

Download to reference manager

Cephalalgia

Volume 17 Issue 8 Page 826 - December 1997

doi:10.1046/j.1468-2982.1997.1708826.x

Furosemide inhibits regenerative cortical spreading depression in anaesthetized cats

SJ Read, MI Smith, CD Benham, AJ Hunter AA Parsons

Ionic perturbations occur during cortical spreading depression (SD), a phenomenon implicated in migraine pathophysiology. We studied the effect of 0.2, 2 and 20 mg kg⁻¹ iv ($n=4$) furosemide on cortical direct current (d.c.) potential, cerebrovascular laser Doppler flux (rCBF_{LDF}), artery diameter and NO concentration in the parietal cortex of the anaesthetized cat during repetitive SD. In vehicle treated animals ($n=4$), SD activity was sustained for 50.1 ± 1.8 min. However, duration of SD activity was significantly reduced when compared to vehicle to 39.6 ± 6.6 min ($n=4$), 31.8 ± 3.3 min ($n=4$) and 27.3 ± 11.3 min ($n=4$), at 0.2, 2 and 20 mg kg⁻¹ iv furosemide respectively. It is hypothesized that the mechanism of inhibition of SD d.c. activity by furosemide may be through alterations in cortical ion buffering capacity or inhibition of cell swelling in neurones or glia. These mechanisms may represent potential novel drug targets in future migraine therapy.

PDF [367KB]

Forward Links to Citing Articles

- SJ Read, MI Smith, AJ Hunter, N Upton, & AA Parsons . SB-220453, a potential novel antimigraine agent, inhibits nitric oxide release following induction of cortical spreading depression in the anaesthetized cat. *Cephalalgia* 20: 2, 92-99.

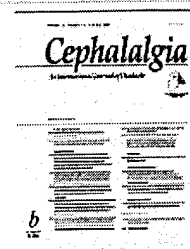
Online publication date: 1-Mar-2000.

[Abstract](#)

[Full Text Article](#)

[PDF](#)

- [List of Issues](#)
- [Table of Contents](#)
- [Previous Article](#) [Next Article](#)
- [Add to Favorite Articles](#)
- [E-mail this to a Friend](#)



QuickSearch in:

- ☒ Synergy
- ☐ PubMed (MEDLINE)
- ☐ CrossRef

for

Authors:

- ☐ SJ Read
- ☐ MI Smith
- ☐ CD Benham
- ☐ AJ Hunter
- ☐ AA Parsons
- ☐

Keywords

- ☐ Cortical spreading depression
- ☐ furosemide
- ☐ migraine
- ☐

[Search](#)

Received 28 May 1997, accepted 12 September 1997

Affiliations

Neurosciences Research,
SmithKline Beecham
Pharmaceutical, New Frontiers
Science Park, Harlow, Essex, UK
Correspondence

This is Google's cache of <http://www.blackwellpublishing.com/submit.asp?ref=0333-1024>.
 Google's cache is the snapshot that we took of the page as we crawled the web.
 The page may have changed since that time. Click here for the current page without highlighting.
 This cached page may reference images which are no longer available. Click here for the cached text only.
 To link to or bookmark this page, use the following url: <http://www.google.com/search?q=cache:3eG0Hz4Li74J:www.blackwellpublishing.com/submit.asp%3Fref%3D0333-1024+cephalgia+publication+available&hl=en>

Google is not affiliated with the authors of this page nor responsible for its content.

These search terms have been highlighted: **cephalgia publication available**

**Blackwell
Publishing**

BOOKS
JOURNALS
WEBSITES
E-MAIL ALERTS

SEARCH
SITE INDEX
SUBJECT INDEX
Shopping Cart

[View Cart](#)

Journals

[Subscribe/Renew](#)
[Aims & Scope](#)
[Editorial Information](#)
[Table of Contents](#)
[Association / Society](#)
[Author Guidelines](#)
[Permissions](#)
[Advertising](#)
[Offprints](#)

[List of all Journals](#)
[Online Information](#)
[Service Providers](#)
[Customer Services](#)

Subject Sites

[Blackwell Medicine](#)

**Blackwell
Synergy**

BLACKWELL HOME | HELP | CONTACT | [CY](#)

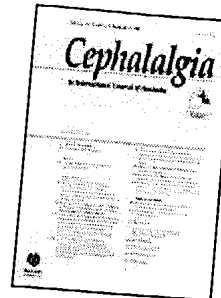
Search: Any

Cephalalgia

Published on behalf of the International Headache Society

Edited by:
Peter Goadsby

Print ISSN: 0333-1024
 Online ISSN: 1468-2982
 Frequency: Monthly
 Current Volume: 24
 ISI Journal Citation Reports® Ranking: 2003:
 21/134 (Clinical Neurology); 88/198 (Neurosciences)
 Impact Factor: 2.985



Online access

Access this journal online

**Blackwell
Synergy**

Author Guidelines

All manuscripts and correspondence, not previously published, simultaneously submitted, or already accepted for publication elsewhere, are to be submitted to the Editor: if possible, please submit online (<http://cephalgia.manuscriptcentral.com>), but if this is not possible, submit your manuscript by post (as paper copies with a disk).

Editorial Assistant

Cephalalgia
 Blackwell Publishing Ltd
 9600 Garsington Road
 OXFORD OX4 2DQ
 UK

Tel: +44 (0) 1865 476 320

Fax: +44 (0) 1865 471 320

E-mail: cephalgia@oxon.blackwellpublishing.com

Online submission ensures the quickest possible review and allows authors to track the progress of their papers online. Authors are encouraged to supply the names of potential referees and/or referees they do not wish to review their paper. Manuscripts will be handled by the Editor and Associate Editors and authors are asked to supply the name of the appropriate person.

Do not duplicate your submission by submitting online and by post.
 Where possible please use online submission.

COPYRIGHT INFORMATION

All articles must be accompanied by a completed [copyright assignment form](#). The senior author must sign the form, acting on behalf of all authors. Until this form is received by the editorial office the manuscript will not be put into production.

PREPARATION OF MANUSCRIPTS

All submissions should be clearly written in English. The text should normally be divided into Instructions, Methods, Results, Discussion, and References. No specific format is required for Letters to the Editor.

Papers based on clinical investigation must satisfy the Editorial Board that

they conform to ethical standards as described in the Declaration of Helsinki. Acceptance of an investigational study by the appropriate ethical committee should be confirmed. Any form of registration that may identify a patient must be excluded from the content of the paper. When clinical photographs of patients are submitted, consent by the patient must be obtained prior to submission of the article and is the responsibility of the author.

Use standard abbreviations. Any non-standard abbreviations (to be avoided if possible) should be explained in the text the first time they are used. Avoid abbreviations in the title. Quantities and units should be expressed in accordance with the recommendations of the International System of Units (Système International d'Unités).

Reports of clinical trials should adhere to the tenets of the CONSORT statement (JAMA 2001; 285: 1987-1991). A flow chart should be provided describing the progress of patients through the trial. A checklist of CONSORT requirements must also be completed. Both forms should be sent to the Editorial Office by post or fax. Alternatively, scanned copies of the hand-signed forms can be e-mailed.

Title Page

The title page shall contain: (1) A short, concise but informative title (2) The full names of the author(s) and the respective affiliations. (3) Name and full address of the author to whom galley proofs and reprint requests should be sent. Include a telephone number, a fax number and an e-mail address.

Abstract

An abstract not exceeding 150 words should be presented on the second page. The abstract should state briefly the objective of the investigation, basic procedures, main findings, and principal conclusions. List no more than five key words.

References

References should be included in the file for upload or, for postal submission, be typed double-spaced on a separate sheet(s), numbered consecutively in the order in which they appear in the text (Vancouver style). Accuracy of the reference list must be verified before submission of the manuscript. Identify references in the text, tables and legends by arabic numerals in parentheses. For papers with up to seven authors, the names of all authors should be listed. For papers with eight or more authors, the first six names should be listed, followed by et al. The titles of journals should be abbreviated in accordance with the style of the *Index Medicus*. Use the following format for journal articles and book references.

Book Chapter

1. Kaada B. Neurophysiology and acupuncture: a review. In: Bonica JJ, Albe-Fessard D, editors. *Advances in pain research and therapy*. Vol 1. New York: Raven Press, 1976:733-41.

Journal Article (less than seven authors)

2. Dahlof CGH, Dimenas E. Migraine patients experience poorer subjective well being/quality of life even between attacks. *Cephalalgia* 1995; 15:31-6

Journal Article (more than seven authors)

3. Trillat AC, Malagie I, Scarce K, Pons D, Anmella MC, Jacquot C, et al. Regulation of serotonin release in the frontal cortex and ventricular hippocampus of homozygous mice lacking 5-HT1B receptors: in vivo microdialysis studies. *J Neurochem* 1997;69:2019-25

Journal Supplement Article

4. Headache Classification Committee of the International Headache Society. Classification and diagnostic criteria for headache disorders, cranial neuralgia, and facial pain. *Cephalalgia* 1988;8 Suppl 7:1-96

References to material available on the World Wide Web can be given, but only if the information is available without charge to readers on an official site. Authors will be asked to provide electronic copies of the cited material for inclusion on the *Cephalalgia* web page at the discretion of the Editor. The format for citations is as follows.

Buckleheimer, J. (1994). How do you cite URLs in bibliography? [WWW document]. URL <http://www.nrlssc.navy.mil/meta/bibliography.html>

Tables

Include tables in the file for upload. Use the table function of a word processor rather than tab and space. For postal submission type each table, double-spaced on a separate page. Do not submit tables as photographs. Number tables consecutively with arabic numerals and give each a short, descriptive heading. Give each column a short or abbreviated heading. Place explanatory matter in footnotes to the table, not in the heading. Explain in the footnotes all non-standard abbreviations used in the table. Omit internal horizontal and vertical lines. If data from another published or unpublished source are used, obtain permission and acknowledge fully. Tables should be self-explanatory and understandable without reference to

the text of the article.

Figure Legends

Each figure should have a legend containing sufficient information to make the figure intelligible without reference to the text. Figure legends should be included in the file for upload. For postal submission, all the legends must be typed double-spaced on a separate page(s). If a figure has been published previously, acknowledge the original source and submit written permission from the copyright holder to reproduce it.

Figures

If submission of digital illustrations is not possible (see section below) then to ensure clear reproduction, it is preferred that illustrations are submitted as 11 x 17cm (5 x 7 inch) glossy prints unmounted and untrimmed. Prepare drawings and graphs with black India ink on white background, using no typewriting or computer print. Letters, numbers and symbols should be clear and even throughout and large enough to be legible when reduced for publication. Do not attempt to hand-letter line drawings and photographs.

If submitting by post, all figures must be submitted in triplicate and have a label pasted on the back indicating the figure number, the top of the figure, and the first author's name. Do not write directly on the back of the photographs or damage them by using paper clips. If photographs of persons are used, either the subjects must not be identifiable or written permission to use the photographs must accompany the manuscript.

It is the policy of *Cephalagia* for authors to pay the full cost for the reproduction of their colour artwork. If colour figures are requested, Blackwell Publishing require you to complete and return a colour work agreement form before your paper can be published. This form can be downloaded as a PDF from the following web address: http://www.blackwellpublishing.com/pdf/Sub3000_X_CoW.pdf. If you are unable to download the form, please contact the editorial office.

The Editor will not return manuscripts. If the author(s) wishes to have the figure(s) from a rejected article returned, a self-addressed, stamped envelope must be provided.

ON ACCEPTANCE: DISK SUBMISSION

On acceptance a disk and hard copy of the manuscript must be provided. Accepted manuscripts will be published from the word processor file (not PDF) on disk wherever practicable and therefore must be provided in this form. This reduces typesetting errors and speeds up publication. Authors must ensure that all sections of their paper, excluding figures, are presented in a single file, updated to incorporate all revisions, and that the version on the disk matches the final hard copy. The acceptance date for the manuscript will be the date at which the correctly formatted disk arrives at the production office. All accepted manuscripts must be accompanied by a signed copyright assignment form.

Text

Files should be formatted double-spaced with no hyphenation and automatic word-wrap (no hard returns within paragraphs). Please type your text consistently, e.g. take care to distinguish between '1' (one) and 'l' (lower-case L) and '0' (zero) and 'O' (capital O), etc.

Tables

Tables should be created using the table editor function of word processing software. Do not use graphics software to create tables.

Mathematics

In-line equations should be typed as text where possible. Graphics programs and 'equation editors' can also be used, and the output will be used where possible but displayed equations may occasionally be rekeyed by out typesetters.

Figures

On acceptance of a paper, please send us digital versions of your figures if at all possible. EPS and TIFF files are preferable for print reproduction. Please note that your paper will go through production more quickly if the figures do not have to be relabelled or redrawn. Please ensure that electronic artwork is prepared such that, after reduction to fit across one or two columns or two-thirds width (80mm, 169mm or 110mm respectively) as required, all lettering will be clear and easy to read, i.e. no labels should be too large or too small. Avoid using tints if possible; if they are essential to the understanding of the figure, try to make them coarse. Always enclose hard copies of digitally supplied figures. No artwork for publication should be incorporated into the final accepted text files. Original drawings or photographs should be supplied for reproduction. Full details of submission of manuscripts and artwork are available at http://www.blackwellpublishing.com/authors/prep_illust.asp.

PROOFS

After the manuscript has been prepared for **publication**, the proofs will be sent via e-mail as an Acrobat PDF (portable document format) file. The e-mail server must be able to accept attachments up to 4 MB in size. Acrobat Reader will be required in order to read this file. This software can be downloaded (free of charge) from <http://www.adobe.com/products/acrobat/readstep2.html>. This will enable the file to be opened, read on screen, and printed out in order for any corrections to be added. Further instructions will be sent with the proof. Proofs will be posted if no e-mail address is **available**; author who may be absent should arrange for a colleague to access their e-mail to retrieve the proofs.

OFFPRINTS

Authors will be provided with electronic offprints of their paper. Paper offprints may be ordered at prices quoted on the order form, which accompanies proofs, *provided that* the form is returned with the proofs. The cost is more if the order form arrives too late for the main print run. Offprints are normally dispatched within three weeks of **publication** of the issue in which the paper appears. Please contact the publisher if offprints do not arrive: however, please note that offprints are sent by surface mail, so overseas orders may take up to six weeks to arrive. Electronic offprints are sent to the first author at his or her e-mail address on the title page of the paper, unless advised otherwise; therefore please ensure that the name, address and e-mail of the receiving author are clearly indicated on the manuscript title page if he or she is not the first author of the paper.

ONLINEEARLY

Cephalalgia is covered by Blackwell Publishing's *OnlineEarly* service. *OnlineEarly* articles are complete full-text articles published online in advance of their **publication** in a printed issue. Articles are therefore **available** as soon as they are ready, rather than having to wait for the next scheduled print issue. *OnlineEarly* articles are complete and final. They have been fully reviewed, revised and edited for **publication**, and authors' final corrections have been incorporated. Because they are in final form, no changes can be made after online **publication**. The nature of *OnlineEarly* articles mean that they do not yet have volume, issue or page numbers, so *OnlineEarly* articles cannot be cited in the traditional way. They are therefore given a Digital Object Identifier (DOI), which allows the article to be cited and tracked before it is allocated to an issue. After print **publication**, the DOI remains valid and can continued to be used to cite and access the article. More information about DOIs can be found at <http://www.doi.org/faq.html>

AUTHOR MATERIAL ARCHIVE POLICY

Please note that, unless specifically requested, Blackwell Publishing will dispose of all hard copy or electronic material submitted two months after **publication**. If you require the return of any material submitted, please inform the editorial office or production editor as soon as possible.

DISCLAIMER

The Publisher and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal, the views and opinions expressed do not necessarily reflect those of the Publisher and the Editors, neither does the **publication** of advertisements constitute any endorsement by the Publisher and Editors of the products advertised.

Top ↑